



Re: Dimock
Robert Puls to: Fred Hauchman
Cc: Thomas Speth, Annette Gatchett, Christopher Impellitteri, David Jewett, Jeanne Briskin, John Vandenberg, Keara Moore, Lyle Burgoon, Ralph Ludwig, Thomas Sorg

12/13/2011 11:01 AM

From: Robert Puls/ADA/USEPA/US
To: Fred Hauchman/DC/USEPA/US@EPA
Cc: Thomas Speth/CI/USEPA/US@EPA, Annette Gatchett/CI/USEPA/US@EPA, Christopher Impellitteri/CI/USEPA/US@EPA, David Jewett/ADA/USEPA/US@EPA, Jeanne Briskin/DC/USEPA/US@EPA, John Vandenberg/RTP/USEPA/US@EPA, Keara Moore/DC/USEPA/US@EPA, Lyle Burgoon/RTP/USEPA/US@EPA, Ralph Ludwig/ADA/USEPA/US@EPA, Thomas Sorg/CI/USEPA/US@EPA

Tom/Chris

The treatment systems installed at some of the homes with high methane (saturation levels in water) in Dimock were primarily to deal with the methane gas. However when methane concentrations are this high in water (> 28 ppm) the water effervesces and causes high turbidity. The elevated Fe, Mn, and Al that is manifested is from mobilized particles and colloids (even in filtered samples). These high turbidity levels (a side effect of the high methane) wreak havoc on the engineered systems and literally plug up the works. Filters are installed but must be changed frequently and the homeowners must rely on Cabot Oil Contractors to do this in a timely and appropriate manner. Other add ons have also been added to these systems giving them a very jerry-rigged appearance (carbon filtration and other treatments). Generally the homeowners are not satisfied with these systems for the most part.. Good luck!

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Fred Hauchman Thanks, Tom. I don't know if any travel to Dimock will be necessary, at least at this point. Perhaps 12/13/2011 09:07:26 AM

From: Fred Hauchman/DC/USEPA/US
To: Thomas Speth/CI/USEPA/US@EPA
Cc: Annette Gatchett/CI/USEPA/US@EPA, Christopher Impellitteri/CI/USEPA/US@EPA, David Jewett/ADA/USEPA/US@EPA, Jeanne Briskin/DC/USEPA/US@EPA, John Vandenberg/RTP/USEPA/US@EPA, Keara Moore/DC/USEPA/US@EPA, Lyle Burgoon/RTP/USEPA/US@EPA, Ralph Ludwig/ADA/USEPA/US@EPA, Robert Puls/ADA/USEPA/US@EPA, Thomas Sorg/CI/USEPA/US@EPA
Date: 12/13/2011 09:07 AM
Subject: Re: Dimock

Thanks, Tom. I don't know if any travel to Dimock will be necessary, at least at this point.

Perhaps those of you who have been plugged in can advise Tom and Chris about upcoming discussions with Region 3, and/or who in the Region should be contacted to let them know of our willingness to provide additional assistance on treatment issues.

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Thomas Speth Fred, Chris and I have talked and we can help if needed. We'll need to know more information before 12/13/2011 08:50:37 AM

Fred Hauchman	Folks, A couple questions as a follow-up to the discussion today with Bob S., Region 3 and OW about	12/12/2011 06:06:28 PM
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